

MAP
OF THE
BROAD DITCHES
NO'S. 1, 2 & 3.

Frank W. Broad-Applicant
Rio Arriba County, Tierra Amarilla Grant, N. M.

COURSES TRUE VARIATION 14° 30' E. SCALE OF MAP ONE INCH = 400,00 FEET

Copy of Print of Application 585 on file in the office of the
State Engineer
Original Filing July 1911
traced Dec. 1949-Frank Ryan

CLAIMANT'S STATEMENT

The undersigned Frank W. Broad claimant, whose postoffice address is Chama, New Mexico has caused to be located the Broad Ditches Nos 1,2,4,3, as herein described, hereby makes these several statements relative thereto, and offers this map and statement for filing in compliance with the laws of the Territory of New Mexico.

(a) The headgate of the Broad Ditch No. 1 is located at a point on the west bank of the Chama River from which it derives its supply of water whence the N.E. Cor. No. 2 of the Broad Land bears S. 00° 35' E. 6910.40 feet.

The headgate of the Broad Ditch No.2 is located at a point on the north bank of Willow Creek from which it derives its supply of water, whence the N.E. Cor. No.2 of the Broad Land bears N.44°01' W. 5328.61 feet; whence Chama Peak bears N.22°01' W.

The Broad Ditch No.2 also derives part of its supply of water from Spring Creek at Station No.12 whence the N.E. Cor. No.2 of the Broad Land bears N.60°41' W. 2913.30 feet; whence Chama Peak bears N.12°33' W; whence dead pine tree 2.57 ft in diam bears S.52°48' W. 60.80 feet. The Broad Ditch No.2 also derives part of its supply of water from small springs as show on map near Stations 10, 11, and 20. The headgate of the Broad Ditch No.3 is located at a point on the west bank of the Chama River from which it derives its supply of water whence the N.E. Cor. No.2 of the Broad Land bears N.89°57' E. 1914.40 feet.

Description of tie Cor. N.E. Cor. No. 2 of the Broad Land. An iron pin 18 inches long, with one inch square head driven 3 inches below the surface of the ground, laid rock 14x10x2 inches on top of pin and chisted rock P.C. (Private Cor) N.E. Cor. F.W.B. Land, dug four pits around corner and made mound of earth and stone whence Chama Peak bears N.19°16' W. whence U.S. Gov't B.M. on Little Chama Peak bears S. 81°16' W; whence Cor. No. 1 of the D.R.G.R.R. Grounds and Corner of the Chama Townsite bears N.71°18' W. 2586 whence Cor. No. 2 of the D.R.G.R.R. Grounds also Cor. No. 1 of the Broad Land bears N. 71°18' W. 1846 feet.

(b) The land to be irrigated consists of 506.37 acres and the Town of Chama located as follows. Beginning at Cor. No.1; thence S.71°18'E. 1846.00 feet to Cor. No.2; thence S.13°00'W. 922.00 feet to Cor. No.3; thence N.70°41'W. 342.13 feet to Cor. No.4; thence N.76°15'W. 212.9 feet to Cor. No.5; thence N.11°42'E. 6081.00 feet to Cor. No.6; thence N.40°21'E. 1200.00 feet to Cor. No.7; thence N.18°42'E. 2203.00 feet to Cor. No.1 the place of beginning.

(c) The depth of Broad Ditch No.1 is 2 feet. The width of Broad Ditch No.1 is 4.00 feet on top.

10	10	10	10	10	10	2	1.5	10	10	10	10	10	2	4.00	10	10
10	10	10	10	10	10	3	1.5	10	10	10	10	10	3	4.00	10	10

The grade of the Broad Ditch No.1 is 3 feet per 1,000ft. The width of Broad Ditch No.1 is 3.00 feet on bottom.

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

(d) The carrying capacity of the Broad Ditch No.1 is 6 cubic feet per second of time, for which claim is hereby made for irrigation and domestic purposes.

(c) The estimated cost of the Broad Ditch No.1 is \$800.00. Broad Ditch No.2 is \$700.00. Broad Ditch No.3 is \$100.00.

(F) Work was commenced by survey on the 11th day of April A.D. 1911 on all of said ditches. Ditches Nos 143 have been constructed and water used since 1903.

AFFIDAVIT.

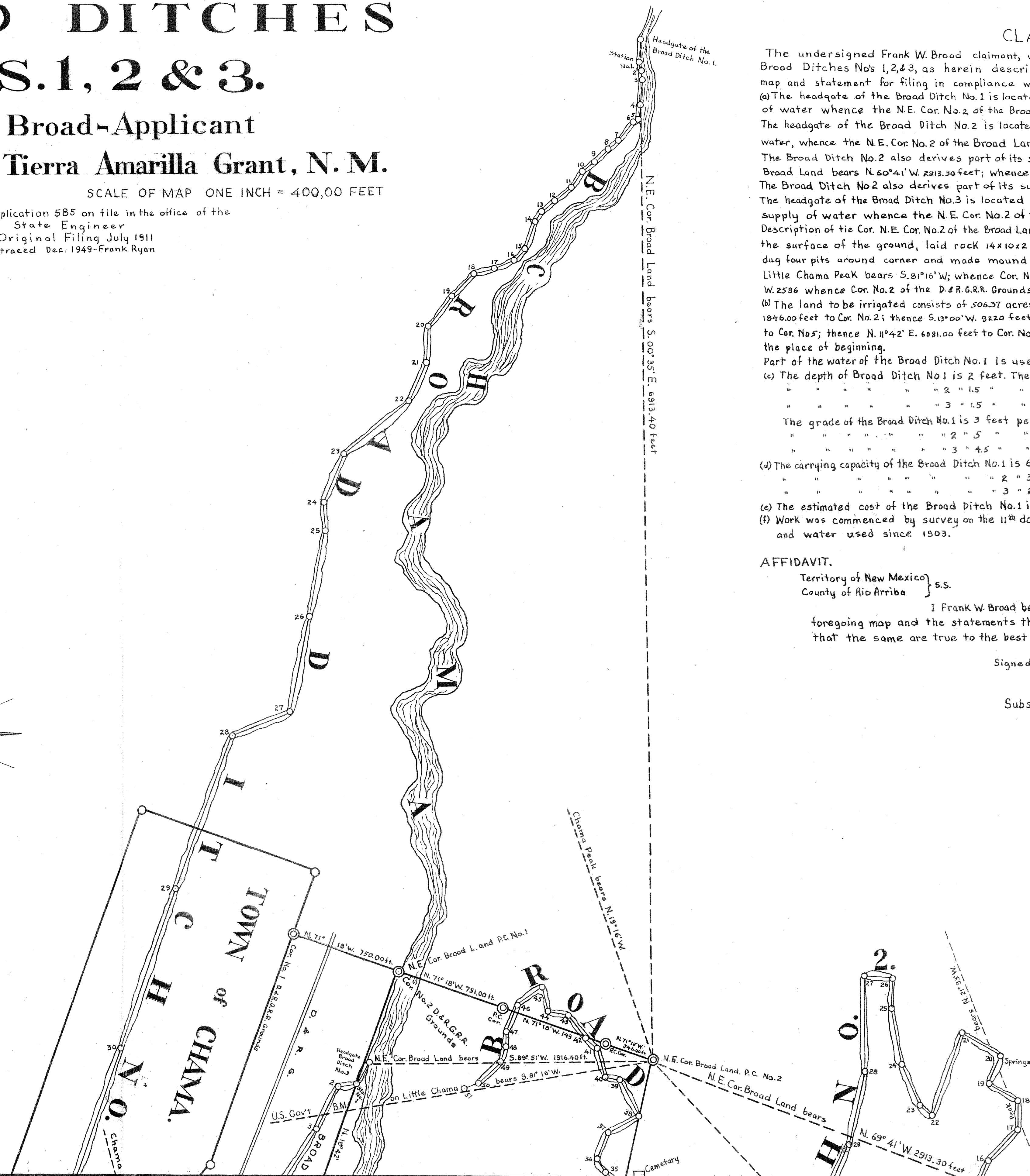
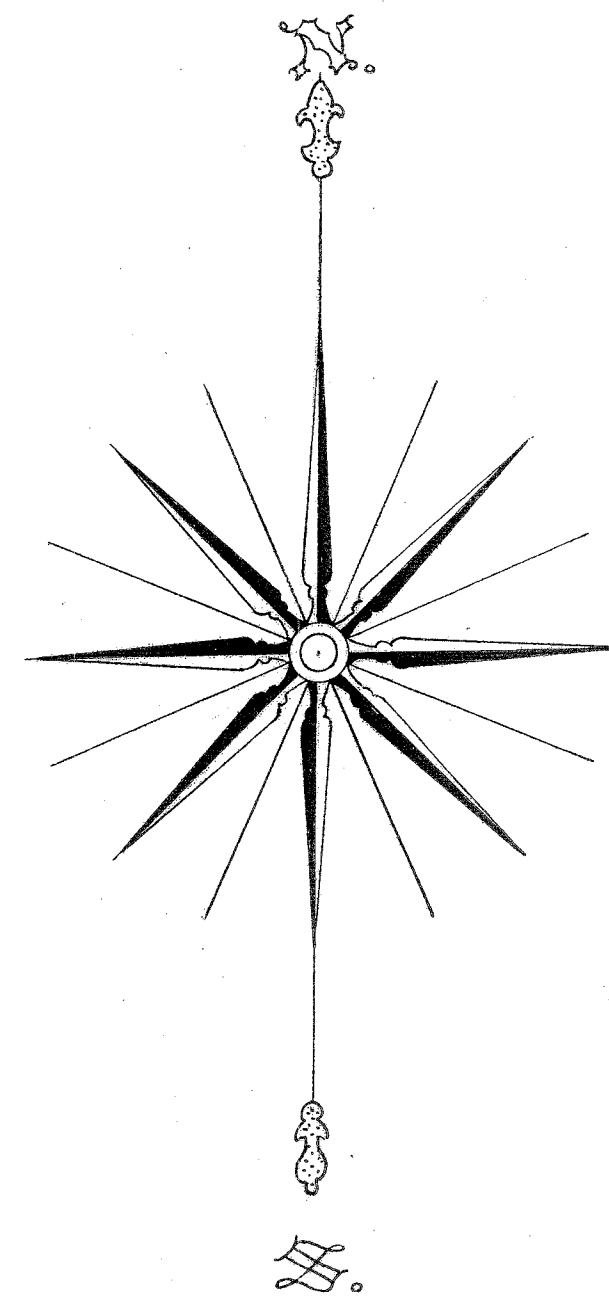
Territory of New Mexico } S.S.
County of Rio Arriba }

I Frank W. Broad being first duly sworn upon my oath state that I have read and examined the foregoing map and the statements thereon, and know the contents thereof and representations thereon, and that the same are true to the best of my knowledge and belief.

Signed - FRANK W. BROAD
Claimant

Subscribed and sworn to before me this 8th day of July 1911

Signed JESSE C. WILEY
Notary Public



APPLICATION No. 583
RECEIVED
OFFICE OF STATE ENGINEER
SANTA FE, NEW MEXICO

SHEET NO. 1
OF 2 SHEETS